BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Asphalting to Roads in Ramachandrapura and Doddabommasandra area in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.**

								Estimate Cost:	2400000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1/ PWD SR 2014-15**	Cum							
	Drain Desilting Ramachandrapura Area		2	95.00	0.60	0.45	51.30		
			2	70.00	0.60	0.45	37.80		
	Doddabommasandra Area		2	65.00	0.60	0.45	35.10		
			2	80.00	0.60	0.45	43.20		
			2	105.00	0.60	0.45	56.70		
							224.10	75.60	**16942.00**
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	**75.60**							
2	KSRRB 500-3: Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100m, sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH chapter 5, **No. 157 / Item No. 21.3 / PWD SR 2014-15**	Sqm							
	Ramachandrapura Area		1	95.00	5.00		475.00		
			1	70.00	5.00		350.00		
	Doddabommasandra Area		1	65.00	5.00		325.00		
			1	80.00	5.00		400.00		
			1	105.00	5.00		525.00		
							2075.00	82.94	**172109.00**
	Basic Rate	76.80							
	Area Weightage @ 8%	6.14							
	Total	**82.94**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
3	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications **Page No. 154 / Item No. 20.18 PWD SR - 2014-15.**	Cum							
	Ramachandrapura Area		1	95.00	5.00	0.20	95.00		
			1	70.00	5.00	0.20	70.00		
	Doddabommasandra Area		1	65.00	5.00	0.20	65.00		
			1	80.00	5.00	0.20	80.00		
			1	105.00	5.00	0.20	105.00		
							415.00	1438.56	**597002.00**
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							
	Total	**1438.56**							
4	KSRRB 500-1.1 : **Cleaning the existing WBM** road surface including removing of binding materials and other foreign matter with wire bushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification No. 500-1.3 **P. 157 / I. 21.1 PWDSR 2014-15**	Sqm							
	Ramachandrapura Area		1	95.00	5.00		475.00		
			1	70.00	5.00		350.00		
	Doddabommasandra Area		1	65.00	5.00		325.00		
			1	80.00	5.00		400.00		
			1	105.00	5.00		525.00		
							2075.00	12.20	**25323.00**
	Basic Rate	11.30							
	Area Weightage @ 8%	0.90							
	Total	**12.20**							
5	KSRRB M500-6: **Providing and applying primer coat for surfaces of medium porosity** like cement stabilized soil base @ 1.10 Kg/Sqmt over prepared surface with S.S bitumen emulsion using bitumen tanker fitted with spray set (excluding cleaning of road surface) including cost of all material, labour HOM of machineries complete as per specifications. MORTH specification NO. 502, **Page No. 157 / Item No. 21.5 / PWD SR 2014-15**	Sqm							
			Qty Vide Item No. 04				**2075.00**	74.52	**154629.00**
	Basic Rate	69.00							
	Area Weightage @ 8%	5.52							
	Total	**74.52**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
6	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 508 complete in all respects as per specifications. **using 100-120 TPH capacity H.M.P with sensor paver grading II (25-30mm) with 5% CRMB-55 grade, No. 160 / Item No. 21.21.2 / PWD SR 2014-15**	Cum							
	Ramachandrapura Area		1	95.00	5.00	0.025	11.88		
			1	70.00	5.00	0.025	8.75		
	Doddabommasandra Area		1	65.00	5.00	0.025	8.13		
			1	80.00	5.00	0.025	10.00		
			1	105.00	5.00	0.025	13.13		
							51.88	11070.00	**574256.00**
	Basic Rate	10250.00							
	Area Weightage @ 8%	820.00							
	Total	**11070.00**							
7	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 25 / Item No. 5.31.1 / PWD SR 2014-15**	Sqm							
	For Covering Slab Missing Lengths		1	165.00		0.90	148.50		
			1	180.00		0.90	162.00		
			1	200.00		0.90	180.00		
				545.00			**490.50**	642.60	**315195.00**
	Basic Rate	595.00							
	Area Weightage @ 8%	47.60							
	Total	**642.60**							
8	KSRB 5-9: Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded) KBS 5.1.13 **Page No. 24 / Item No. 5.22 / PWD SR 2014-15**	m							
			908	3.00			**2724.00**	32.40	**88258.00**
	Basic Rate	30.00							
	Area Weightage @ 8%	2.40							
	Total	**32.40**							
9	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5-1.13 **Page No. 24 / Item No. 5.18 / PWD SR 2014-15**	Sqm							
			1	165.00		0.90	148.50		
			1	180.00		0.90	162.00		
			1	200.00		0.90	180.00		
							490.50	851.04	**417435.00**
	Basic Rate	788.00							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	63.04							
	Total	**851.04**							
10	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**201.69**	73.57	**14838.00**
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12							
	Add loading and unloading charges Vide item no.17.1 P.no.130	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
11	Sub Total								**2375987.00**
12	For Third Part QC inspection Charges @ 1% of Estimate Cost								**23760.00**
13	Miscellaneous and other Charges								**253.00**
								Total	**2400000.00**
	(Rs. Twenty Four Lakhs Only)								

Administrative approval for Rs 24.00 L
Twenty four Lakhs Only
to accrued under head
P-1771
registered as EE No: / Subject
to conditions contained enclosed memo.
No: L/S / Dr.
AE/JE
EE (BTP. Div.)

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 This work included under POW Grants 2014-15.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

ADMINISTRATIVELY SANCTIONED FOR Rs.....
Rupees
Under

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

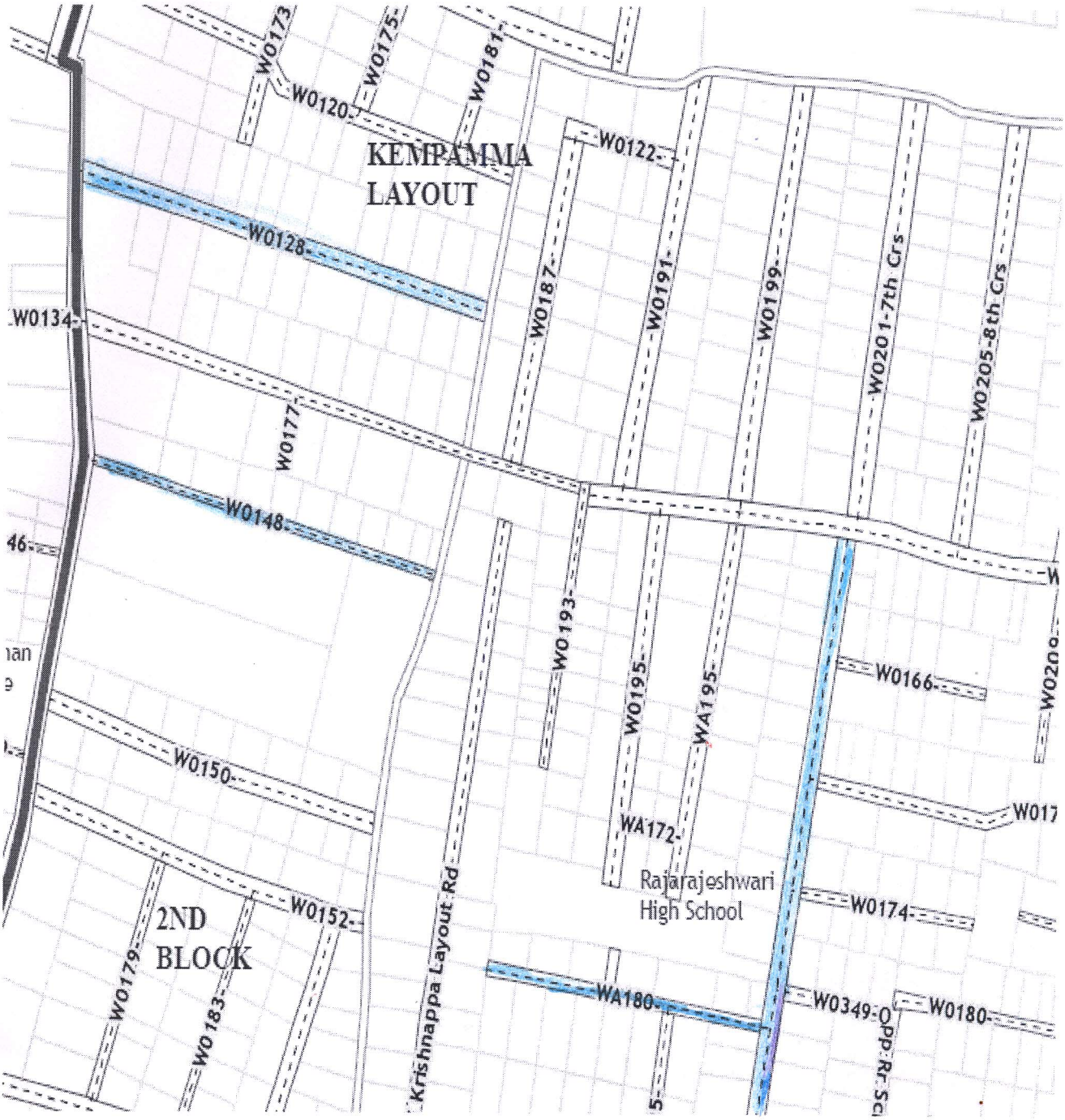
Registered as EE ( ) No 9.....9....
Subject to conditions contained in
enclosed memo EE ( ) No /9/....
Dt Estimate A/Sanctioned
No 1096
dated 4-12-2014 Rs 24.00 Lakhs

Technical Sanction for Rs. 24.00 lakhs
Twenty Four Lakhs only
05/14-15, D:29-10-14
Dated Subject
TS/SE/05/14-15 Dr

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92.

SE (BTP.Div.)

Asphalting to Roads in Ramachandrapura and Doddabommasandra area in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.



Jadhav
AE

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾ
ಯಲಹಂಕ ವಲಯ,
ಬೃ ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97

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